AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code	Page	Of
Firm-Fixed-Price	1	21

2. Amendment/Modification No.	3. Effective Date	4. Requisition/Purchase Req No.	5. Project No. (If applicable)
34	2003NOV19	SEE SCHEDULE	

6. Issued By Code W56HZV

TACOM WARREN BLDG 231
AMSTA-AQ-AHEA
LORETTA BURSEY (586)574-8115
WARREN, MICHIGAN 48397-5000
HTTP://CONTRACTING.TACOM. army.MIL
EMAIL: BURSEYL@TACOM.ARMY.MIL

7. Administered By (If other than Item 6) Code S2305A

DCMA DETROIT
U.S. ARMY TANK & AUTOMOTIVE COMMAND
(TACOM)
ATTN: DCMAE-GJD
WARREN, MI 48397-5000

SCD A **PAS** NONE **ADP PT** HQ0337

8. Name And Address Of Contractor (No., Street, City, County, State and Zip Code)

GENERAL DYNAMICS LAND SYSTEMS INC.
38500 MOUND ROAD
STERLING HEIGHTS, MI. 48310-3260

TYPE BUSINESS: Large Business Performing in U.S.

Code 7W356 **Facility Code**

☐ **9A. Amendment Of Solicitation No.**

9B. Dated (See Item 11)

☒ **10A. Modification Of Contract/Order No.**

DAAE07-01-G-N001/0002

10B. Dated (See Item 13)
2000MAR13

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ **The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers**
☐ **is extended,** ☐ **is not extended.**

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendments: (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting And Appropriation Data (If required)
ACRN: AS NET INCREASE: $115,070.00

13. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF CONTRACTS/ORDERS
It Modifies The Contract/Order No. As Described In Item 14.

KIND MOD CODE: 8

☐ **A. This Change Order is Issued Pursuant To: The Changes Set Forth In Item 14 Are Made In The Contract/Order No. In Item 10A.**

☐ **B. The Above Numbered Contract/Order Is Modified To Reflect The Administrative Changes (such as changes in paying office, appropriation data, etc.) Set Forth In Item 14, Pursuant To The Authority of FAR 43.103(b).**

☐ **C. This Supplemental Agreement Is Entered Into Pursuant To Authority Of:**

☒ **D. Other (Specify type of modification and authority)**

E. IMPORTANT: Contractor ☐ **is not,** ☒ **is required to sign this document and return _____ copies to the Issuing Office.**

14. Description Of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

SEE SECOND PAGE FOR DESCRIPTION

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name And Title Of Signer (Type or print)		16A. Name And Title Of Contracting Officer (Type or print)	
		RICHARD K. KULCZYCKI KULCZYCR@TACOM.ARMY.MIL (586)574-7299	
15B. Contractor/Offeror	**15C. Date Signed**	**16B. United States Of America**	**16C. Date Signed**
_____ **(Signature of person authorized to sign)**		**By** /SIGNED/ **(Signature of Contracting Officer)**	2003NOV19

SECTION A - SUPPLEMENTAL INFORMATION

1. The purpose of this Modification 34, a Supplemental Agreement is as follows:

a. Incorporate scope of work clauses C.3.5.11 through C.3.5.11.4 for the removal and reinstallation of the RXNB for a quantity of 31 AIM PY5 vehicles scheduled to be delivered in November 2003 (11 each), December 2003 (10 each) and January 2004 (10 each). As a result, SubClin 0005AH is incorporated for this effort in the total amount of $115,070.00.

b. This Modification 34 rescinds the Stop Load Order for AIM PY5 Vehicles dated November 4, 2003 with the condition that only RXNB retrofitted vehicles will be loaded.

c. Incorporates clause F.4.3.5 as the Delivery and Loading Schedule for the first 93 Vehicles designated for shipment to Korea.

2. As a result of the above, the total contract price is increased by $115,070.00; from $193,837,867.15 to $193,952,937.15.

3. Changes to the below pages are marked by an asterisk:

SECTION	DELETE PAGE #	ADD PAGE #	DESCRIPTION
B	--	7j(e)	Add SubClin
C	13 - 13h	13 - 13i	Add C.3.5.11 - C.3.5.11.4
F	22a	22a & 23b	Add F.4.3.5
G	--	25o	Add G Page

4. Except as provided herein, all other terms and conditions of the delivery order remain unchanged and in full force and effect.

*** END OF NARRATIVE A 041 ***

Name of Offeror or Contractor: GENERAL DYNAMICS LAND SYSTEMS INC.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS				
0005AH	SERVICES LINE ITEM				$ 115,070.00
	NOUN: RXNB RETROFIT FOR AIM TANKS PRON: 474AIM0447 PRON AMD: 01 ACRN: AS AMS CD: 123207NC000 (The Description of the work to be performed under this SubClin is identified under clauses C.3.5.11 - C.3.5.11.4) (End of narrative B001)				
	Inspection and Acceptance INSPECTION: Origin ACCEPTANCE: Origin				
	Deliveries or Performance DLVR SCH REL CD: 001 — QUANTITY: 0 — PERF COMPL DATE: 30-JAN-2004 $ 115,070.00				

SECTION C - DESCRIPTION/SPECIFICATIONS/WORK STATEMENT
020b0604020202020204 020b0604020202020204 020b0604020202020204 020b0604020202020204 020b0604020202020204 020b0604020202020204 020b0604020202020204
C.1 General

C.1.1. The Abrams Integrated Management (AIM) Program is designed to produce a rebuilt vehicle in accordance with Army Regulation (AR) 750-2. The regulation defines rebuild as "Restores an item as nearly as possible to original or new condition in appearance, performance and life expectancy, accomplished through complete disassembly, inspection of all components and repair/replacement of worn or unserviceable items using original manufacturing tolerances and specifications." To rebuild the tank to "like new" condition will increase readiness and reduce Operations & Support (O&S) cost. The methodology to achieve a rebuild vehicle shall be established by Anniston Army Depot (ANAD) and General Dynamics Land System (GDLS) through determining the most economical means to achieve the rebuild criteria of AR 750-2.

C.1.2 Under this program, the M1A1 tanks will be stripped at Anniston Army Depot (ANAD). Engines will be inducted in the ANAD SLE Program. The Contractor will induct the stripped M1A1 hulls, SLE engines and other recycled and upgraded components provided by ANAD into the existing production line at Lima Tank Plant and rebuilt to the latest baseline configuration as listed in paragraph C.3.

C.2 Contract Data Requirements

The Contractor shall prepare technical data and financial reports in the format, scope specified and furnished with the Contract Data Requirements List, DD Form 1423 (Exhibit A).

C.3 Vehicle Baseline

The M1A1 Abrams AIM tanks shall be manufactured in accordance with the Prime Item Fabrication Specification SC-X-10020, Revision K dated 14 January 1993 including SCNs 1,2,3,4,5, 6,7,10 and ECP H8T2024 (Eyesafe Laser Rangefinder Gunner's Primary Sight) and the Final Inspection Record for Tank, Combat, Full Tracked, 120 MM Gun, M1A1, Revision FL, QF-8750015, dated 13 Mar 1993, as impacted by SCNs 1,2,3,4,5,6,7,10 and ECP H8T2024. The Prime Item Specification, ECP Listing and Specification Addendum (Exhibit B) will establish the AIM vehicle baseline configuration for this contract.

C.3.2 The Prime Item Specification is revised to include the revisions identified by A10 designator (SC-X-10020-A10, dated 3 March 2000).

C.3.3 Vehicle Baseline "Production Year Four (PY4)

C.3.3.1 The contractor agrees to purchase material sets to support Anniston Army Depot's inductions and deliveries, and its own delivery schedule for the PY4 Program. The vehicles to be inducted into the PY4 Program will be 10th and 11th year configurations. The contractor shall purchase sufficient materials to produce AIM tanks in accordance with Section C of this contract, and the technical description developed under the MAP contract DAAE07-96-C-X168 for the vehicle year configurations called up. Material sets for Anniston shall be as described in Clause C.7 as modified to produce AIM tanks from the vehicle year called up. The contractor shall determine the appropriate materials for its own use which will be substantially as described in Section C and Attachment 1, as modified for the vehicle configuration year called up.

C.3.3.2 The PY4 vehicle induction schedule is as follows: The vehicles will be inducted starting with the 11th year first in accordance with the delivery schedule as shown on the "AIM Overhaul Program Production Plan" dated 14 July 2000.

Year Vehicle	Quantity
10th	89
11th	46

C.3.3.4 In addition to the vehicle description in C.1.1, C.1.2, C.3 and C.3.2 above, the PY4 AIM Vehicles shall incorporate the following scope of work requirements:

Installation of Block G Modification Kits (applies to 90 vehicles)
Upgraded Tank Commander's Panel P/N 12993545, and UTCP Mounting Hardware
M1A1D Kit A Weldments
Removal of Old Serial Number Tag
Installation of Turret Platform Block P/N 12549829
Woodland Green Camouflage Paint
ECP GDLT 9022 (per dropout factor)
ECPs, GDLT 9018, GDLT 8876, GDLT 8798, GDLT 5434, GDLT 8872
ECP G6T1018R1 Plugger (Material will be GFE)
ECP GDLU 2165 Quick Disconnect (Material will be GFE)
Electronic Muzzle Reference System (EMRS)
Pulse Jet System (PJS)
Slip Ring Mod Kits

ECP GDLU 2149 (NBC Sponson Drain Valve)
ECP GDLU 2206 (Plate with new serial numbers)
ECP GDLU 2284 (Paint Free Surface on Antenna Base)
ECP GDLU 2239 (Latch Block Pin)
Trunnion Bearing, P/N 12323863 (100% Replacement)
Slide Mount Aftcapt Tray, P/N 12929075
Embedded Diagnostic (ECPs GDLU 2275, GDLU 2234, GDLU 2316)

C.3.3.5 The scope of work which requires the contractor to procure the Hull Network Box (HNB) and Turret Network Box (TNB) has been removed from the PY4 Requirement. In lieu of the HNB and TNB, PY4 vehicles will incorporate the Revised Hull Network Box and the Revised Turret Network Box (RTNB). The RHNB and RTNB will be furnished as GFM; as a result, the GFM list Attachment II is revised to include the RTNB and RHNB as well as the breakout of the required Block G Mod Kits.

C.3.3.5.1. AIM PY4 Incorporation of ECP G7T4318 "Revise Smoke Grenade Launcher Box", SubClin 0005AB

The contractor shall incorporate ECP G7T4318 titled "Revise Smoke Grenade Launcher Box" into the following 16 AIM PY4 vehicles: L10015, L10026, L10027, L10028U, L10035, L10142, L10047, L10053, L10054, L10060, L10065, L10100, D10044, D10050, D10163, D10084. The scope of work for this effort is as follows:

a. Modify two locating fixtures, one used for the left side and one used for the right side turret. Fixture modification is required because existing fixtures were developed around a new production turret build process that does not have all the other exterior weldments applied. In the case of these 16 vehicles the turret will have all the exterior weldments and brackets already applied; the contractor will need to modify their fixtures to work on a completed turret. (IT IS NOTED THAT THIS SCOPE OF WORK TO MODIFY FIXTURES WAS COMPLETED UNDER CONTRACT DAAE07-98-C-N002, MOD P00040)

b. Remove the eight old weldments from the turret structure, perform surface preparation for weld process and weld on eight new pads P/N 12273718-83.

c. The contractor shall then install the new Grenade Launcher Box P/N 81361-13-12-176 which will be provided as GFM for this effort. The GFM List, Attachment II dated Jan 2002 has been revised to reflect a quantity of 32 each, Grenade Launcher Box for PY4 to be applied to these 16 vehicles (serial numbers identified above).

C.3.3.5.2 AIM PY4 (ECP GDLU 2275) SOW for Removal and Installation of 17 Cables

The contractor is required to incorporate ECP GDLU 2275 into AIM PY4. ECP GDLU 2275 calls for a 96" cable to be installed into the AIM vehicles. It has been determined that the 96" cable is of the wrong length and an ECP is in process to correct this error. In the meantime, the contractor shall removed 96" cables from 9 PY4 vehicles identified at LATP in workstation 5993 and install 72" cable 12992347-072 into those vehicles. The contractor shall also install 72" cables in 8 vehicles identified in workstation 5940. FOR ECP GDLU 2275 THE 72" CABLE P/N 12992347-072 REPLACES THE 96" CABLE.

C.3.3.5.3 AIM PY4 Repair of Two Damaged Vehicles

C.3.3.5.3.1 The following scope of work is for the repair of two government owned AIM PY4 vehicles that were damaged while in transit after leaving the Lima Army Tank Plant. The scope of work is based on the contractor's Rough Order of Magnitude (ROM) titled "Train Wreck Repair Labor and Material dated April 15, 2003". It has been determined that one vehicle received more extensive damaged than the other, the vehicle that received the most damage is identified as Vehicle 1 and the lessor damaged vehicle is identified as Vehicle 2. The repair scope of work for these tanks is as follows:

C.3.3.5.3.2 The contractor shall perform the following Scope of Work for repair of Vehicle 1 as follows:

Remove approximately 40 broken Screws
Remove damaged 12337598 Plate Bustle Plate
Cut out Louvers and Plates
Cut off 12344524 Rear in Bustle (part of the 12344534 removal)
Remove Damaged Bustle Rack
Remove Both Ammo Racks
Clean Racks and remove burr on left side rack top tube
Remove damaged PLGR Antenna Cable
Remove and repair damaged Grille Doors (3) (Weld repair and grinding required)
Weld repair damage at the center of the nose. Weld build-up 4-inch area.
Clean inside of turret and hull
Pull Power Pack and determine the extent of damage to Right Cooler Fan and Drive
Replace bad hardware as required to resolve Fan issue
Clean Power Pack and Engine Compartment

Locate Rear Bustle Plate and Louvers and weld in Place
Locate and weld Environmental Cover in place.
Locate and weld the Wind Sensor Mount and Support
"Weld Tie Bars, Loops and Plates on the rear of Bustle"
"Clean, Prime and Paint bare metal surfaces "
Install PLGR Antenna Cable and Seal Flanges.
Install Ammo Racks and Replace Seals and install Blow Off Panels
Seal Blow Off Panels and pressure check
Re-install repaired Grille Doors and Install New Grille Screens as required.
Install Latches and Latch Hardware for Wind Sensor
Install Wind Sensor.
Remove and replace damaged Battery Door Handle.
Replace Damaged Door Bezel on Battery Door
Remove and replace damaged Main Gun Rear Thermal Tube and sand rough surface on the forward tube and prime area
Weld new Handle on the Loader?s Hatch
Prep Power Pack and install
Install Top Deck and insure proper fit up
Install new Turret Lock
Complete Test and Accept Requirements(5993 and 5900 hours less Skirts and Radio Checks)
Prep and Load-Mfg.
Prep and Load-Insp.

C.3.3.5.3.3 The contractor shall perform the following Scope of Work for repair of Vehicle 2 as follows:

Replace Turret Lock Assembly
"Do Fire Control self-test, Fire Inhibit, Stab Freq. Response, Computer Self Test, Embedded Diagnostics and Boresight Retention"
Level Road Drift
Prep and Load-Mfg.
Prep and Load-Insp.

C.3.3.5.3.4. The parties agree that the contractor shall notify the Contracting Officer of any repairs needed for these two vehicles that is not covered under the above scope(s) of work. At that time the government shall determine whether or not to negotiate the cost and fee for the additional scope of work. The government has the option to provide the material as GFM.

C.3.3.6 Anniston Manufacturing Responsibility. For Production Year Four (PY4), Anniston Army Depot will provide the following:

Part Number	Item
12528312	Bore Evacuator
12529685	Handle
12529532	Cap, Contact
12529570	Contact Pin Assembly

C.3.4 Vehicle Baseline "Four (4) U.S. Army National Guard Vehicles

C.3.4.1 The contractor agrees to purchase material sets to support Anniston Army Depot inductions and deliveries, and its own delivery schedule for four Army National Guard vehicles. The contractor shall purchase sufficient materials to produce AIM tanks from a 11th year configuration inducted tank in accordance with Section C of this contract, the technical description of the 11th year configuration modifications developed under MAP Contract DAAE07-96-C-X168 and the following negotiated engineering changes: Upgraded Tank Commander's Panel (UTCP) P/N 12993545 and UTCP Mounting Hardware, Turret Platform Blocks P/N 12549829, Delete Armor Junction Box, M1A1 Kit A Weldments, ECP 9022, ECP 9018, ECP 8798, ECP 8876, ECP 5434, ECP G6T1018R1 PLGR (Material will be GFE), ECP GDLU 2165 Quick Disconnect (Material will be GFE), EPLRs, Removal of Old Serial Tank Numbers, Woodland Green Camouflage Paint . Material sets for Anniston shall be as described in Clause C.7 as modified to produce the AIM tanks from a 11th year configuration inducted tank. That contractor shall determine the appropriate materials for its own use which will be substantially as described in Section C and Attachment I, as modified for the 11th year configuration inducted tank.

C.3.4.2 In support of the four(4) National Guard vehicles, Anniston Army Depot will provide the following:

Part Number	Item
12528312	Bore Evacuator

12529685	Handle
12529532	Cap, Contact
12529570	Contact Pin, Assembly

C.3.5 AIM Production Year Five (PY5) Program Requirements

C.3.5.1 The contractor shall provide the below items incorporated under SubClin 0004AA (PY5 Program Window/Glass Requirement) to support the AIM PY5 Material Requirements: NOTE QUANTITY WAS ORIGINALLY 135; HOWEVER DUE TO PY5 VEHICLE REDUCTION PART QUANTITIES WERE CHANGED TO 125. 10 UNITS EACH PREVIOUSLY PROCURED WILL BE USED FOR PY6 REQUIREMENTS.

Nomenclature	Part Number	Quantity
Beam Splitter	12988980	125
Window	12988979	125
Daylight Window	12932490	125
Radical Filter	12932488	125

C.3.5.2 PY5 Vehicle Material Sets

The contractor agrees to purchase material sets to support Anniston Army Depot's inductions and deliveries, and its own delivery schedule for the PY5 Program. The vehicles to be inducted into the PY5 Program will be 10th, 12th, 13th and 8th year configurations. The contractor shall purchase sufficient material to produce AIM tanks in accordance with Section C of this contract, and the technical description developed under the MAP contract DAAE07-96-C-X168 for the vehicle year configurations called up. Material sets for Anniston shall be as described in Clause C.7 as modified to produce AIM tanks from the vehicle year called up. The contractor shall determine the appropriate materials for its own use which will be substantially as described in Section C and Attachment 1, as modified for the vehicle configuration called up. IT IS NOTED THAT AIM PY5 MATERIAL WAS ORIGNALLY AWARDED FOR A QUANTITY OF 135 VEHICLE MATERIAL SETS; HOWEVER DUE TO PY5 VEHICLE LABOR REDUCTIONS, QUANTITY WAS CHANGED FROM 135 TO 125. 10 VEHICLES SETS PREVIOUSLY PROCURED WILL BE USED FOR PY6 REQUIREMENTS.

C.3.5.3 The PY5 vehicle induction schedule is as follows: The vehicles will be inducted starting with the 10th year first in accordance with the delivery schedule as shown on the "AIM Overhaul Program Production Plan" dated November 2001.

Year Vehicle	Quantity
10th	68
12th	29
13th	14
8th	14

C.3.5.4 In addition to the vehicle description as shown in C.1.1, C.1.2, C.3 and C.3.2 above, the PY5 AIM Vehicles shall incorporate the following scope of work requirements:

Installation of Block G Modification Kits
Upgraded Tank Commander's Panel P/N 12993545, and UTCP Mounting Hardware
M1A1D Kit A Weldments
Removal of Old Serial Number Tag
Installation of Turret Platform Block P/N 12549829
Woodland Green Camouflage Paint
ECP GDLT 9022 (per dropout factor)
ECPs 9018, GDLT 8876, GDLT 8798, GDLT 5434, GDLT 8872
ECP G6T1018R1 Plugger
ECP GDLU 2165 Quick Disconnect (Material will be GFE)
Electronic Muzzle Reference System (EMRS)
Pulse Jet System (PJS)
Slip Ring Mod Kits
ECP GDLU 2149 (NBC Sponson Drain Valve)
ECP GDLT 2206 (Plate with new serial number)
ECP 2284 (Paint Free Surface on Antenna Base)
ECP GDLT 2239 (Latch Block Pin)
Trunnion Bearings, P/N 12323863 (100% Replacement)
Slide Mount Aftcap Tray
Embedded Diagnostics (ECPs GDLU 2275, GDLU 2234, GDLU 2316)
ECPs GDLU 2256, GDLU 2262, GDLU 2268, GDLU 2257 and GDLU 2253 (per drop out factor)
ECP GDLU2200 (J Plate Stiffener)
ECP G2T4106 (Loc Report Systems)

ECP GDLU2239 (Ammo Door Bracket)
ECP GDLU2225 (Hydraulic Quick Disconnect Relocation)
ECP GDLU6235 (NBC Cooling Turbine Bearings)
ECP GDLU2297 (Personnel Heater Sources of Supply)
ECP LOT3002R1 (Ammo Rack Guide Deletion)
Race Ring Drain Hole Relocation

C.3.5.5 Anniston Manufacturing Responsibility. For Production Year Five (PY5), Anniston Army Depot will provide the following:

Part Number	Item
12528312	Bore Evacuator
12529685	Handle
12529532	Cap, Contact
12529570	Contact Pin, Assembly

C.3.5.6 Armor Upgrades PY5

C.3.5.6.1 AIM PY5 will induct 14 eighth year vehicles which will receive front and side armor. Armor is to be upgraded on M1A1 8th year vehicles from the Contractor Furnished Material front/side turret armor configuration to the current M1A1/M1A2 Government Furnished Material (GFM) heavy armor front/side armor configuration. Armor packages shall be GFM. The Contractor shall be required to develop procedures for the removal of and disposal of the vehicle armor currently in the vehicle and preparation of the vehicle for incorporation of GFM frontal and side heavy armor packages.

C.3.5.6.2 Engine Fuel Cell Relocation, PY5

AIM PY5 incorporates the following scope of work changes for the Engine Fuel Cell Relocation:

1) ANAD will rework the reaction bracket and remove the three appurtenances for the left engine fuel cell; and GDLS will add three appurtenances in new locations to allow installation of the reclaimed left engine fuel cells and/or replacement new fuel cell.

2) ANAD will remove right front fuel cell "donut" during fuel bulkhead reclamation process, and GDLS LATP will release the -A10 drawing, locate and weld a new donut on at assembly.

3) ANAD is to check for bowed NBCj floors and repair if required. NO GDLS action.

4) ANAD is to check NBC pads and repair if required. NO GDLS action.

5) ANAD is to check for damaged engine compartment floor and repair if required. NO GDLS ACTION.

6) GDLS is to release the A10 drawing defining rework and trim the precleaner door angle at hull assembly.

7) ANAD is to check the rain gutter above the plenum and repair any defective welds.

C.3.5.7 PY5 Option for Five (5) AIM Vehicles

The clause incorporates the option for a quantity of AIM PY5 vehicles. The vehicles to be inducted for the option quantity will be 11th year configuration. The contractor shall purchase material sets to support Anniston Army Depot's inductions and deliveries, and its own delivery schedule for the option quantity. The contractor shall purchase sufficient material to produce AIM tanks in accordance with Section C of this contract and the technical description develped under the MAP contract DAAE07-96-C-X168 for the vehicle year called up. Material sets for Anniston shall be as described ini Clause C.7 as modified to produce AIM tanks from the vehicle year called up. The contractor shall determine the approporeiate materials for its own use which will be substantially as described in Section C and Attachment 1, and modified for the vehicle configuration called up.

C.3.5.7.1 In addition to the scope of work described in C.3.5.7 above, the Five PY5 Option Vehicles shall incorporate the scope of work as described in C.1.1., C.1.2, C.3, C.3.2, C.3.5.1 C.3.5.4, C.3.5.5, C.3.5.6.2.

C.3.5.8 AIM SOW For Storage of a Quantiy Up To 61 Vehicles (20 from PY4 and 41 from PY5) at LATP

C.3.5.8.1 PM Abrams has directed that 20 PY 4 vehicles (8 ea. May 03 vehicles, and 12 June 03 vehicles), and 41 PY5 AIM vehicles will require storage at LATP for consolidated shipment to Korea. The Scope Of Work for this effort is as described below (reference TACOM RFP dated 27 May 2003 and GDLS Proposal M-0916R45 dtd 18 June 2003).

C.3.5.8.2 The Contractor shall perform initial preparation for storage actions, a pre-shipping gymnastication of the recoil system

exercise, as specified below. Eventually the contractor shall load and ship the vehicles in accordance with the provided shipping schedule. Maintenance will be performed quarterly by DCMA LATP personnel. The contractor will install final production batteries as a task for initial preparation. Lima Government personnel will monitor and be kept informed of all activities.

C.3.5.8.3 Initial Storage Preparation

C.3.5.8.3.1 The contractor shall park the vehicles for storage in the designated fenced East Parking lot.

C.3.5.8.3.2 The contractor shall perform the following tasks (it is noted that some of these task may already be required under normal operation) when they move the vehicles from the staging area to permanent storage in the East parking lot:

a. Drive the vehicle to outside storage area.

b. Install safety pin in the fire extinguisher system in crew compartment.

c. Use production batteries.

d. Dump all hydraulic pressure including park brake pressure.

e. Secure the loader's hatch with a key lock. Obtain locks and keys from and return to the Government T&A QAR.

f. Store the boxes containing the Loaders periscope and drivers center periscope.

g. Tarp the air induction areas of the tank. Tarp will be provided by PM Abrams.

h. Open hull and turret ammo doors. Bracing required.

i. Add stabilizer to all four (4) fuel cells as required for long-term storage.

j. All drain screens will be installed.

k. Increase fuel in tank by 50 gallons per vehicle.

l. Release pressure from one front fuel cap and one rear fuel cap.

m. Hold 61 sets of the tank Gear normally packed inside of the tank until shipping.

C.3.5.8.3.3 Spill Plan Countermeasures

C.3.5.8.3.3.1 The contractor shall procure eight (8) garbage can mobile carts and twelve (12) bags of Peatsorb. Four (4) carts will be empty and four (4)will hold some bags of Peatsorb and the carts will be strategically placed, in case they are needed.

C.3.5.8.3.3.2 The contractor shall procure eight (8) oil absorbing socks that will be strategically positioned to capture any unexpected spills. These measures are necessary to satisfy 40 CFR 112.

C.3.5.8.3.3.3. In the event of a fuel spill or leak from the vehicle or the fueling system, the LATP Emergency Response Plan will be activated, when applicable.

C.3.5.8.3.3.4. Three (125 lb with/pull cart) fire extinguishers are required and will be provided by the government. It is noted that these fire extinguishers are currently in the possession of General Dynamics. The contractor will maintain them free of ice and snow with proper charge (fully charged/usable).

C.3.5.8.4 Prep, Load and Ship Vehicles

C.3.5.8.4.1 The contractor shall perform the following tasks:

a. Drive the tank from the parking lot to the Shipping building.

b. Exercise the main gun recoil mechanism, 3 extensions (Gymnastication). Update the gun record card after gymnastication is complete.

c. Collect and Pack Gear to be stowed and shipped in tank

d. Load and ship the vehicles in accordance with the Government provided schedule.

e. Do optics purge as necessary.

C.3.5.8.4.2 Damaged to Vehicles While In Storage

The parties agree that any damage/defects that may occur to these 61 vehicles as a result of being in storage, will be repaired in accordance with clause B.9 "Resolution of Damaged/Defective Government Material (DGM)".

C.3.5.9 PY4/PY5 RXNB/UTCP Change Out Retrofit For 61 stored AIM Vehicle - Phase I REMOVAL OF HARDWARE

C.3.5.9.1 As part of Phase I of the RXNB (RHNB plus RTNB) and UTCP Change Out Retrofit for the 61 stored vehicles (and per the directions issued under the Stop Work Order dated 23 Oct 03) the contractor shall perform the following scope of work:

C.3.5.9.1.1 The contractor shall remove forty nine (49) sets of RXNB/UTCP hardware and twelve sets (12) of RXNB (only) hardware to be used as seed to the RXNB/UTCP Retrofit Program. The hardware is required to be removed from vehicles currently being stored for the Korea program at LATP for shipment to GDC Canada by the following dates:

10 sets of RXNB/UTCP hardware by 10 Oct 03 (1st 10 to be packed and shipped to GDC)
9 sets of RXNB/UTCP hardware by 17 Oct 03
11 sets of RXNB only hardware by 24 Oct 03
11 sets of RXNB only hardware by 31 Oct 03

C.3.5.9.2 Twenty (20) sets of RXNBs, and thirty (30) UTCPs removed hardware shall be delivered to the LATP GFM Crib, ATTN: Millie Wilson. The remaining 41 RXNBs and (19 UTCPs that were shipped prior to the stop work order and 22 Oct 03 TACOM letter) shall be packed using Standard Commercial Packaging For Electronic Components for shipment to GDC Canada at the following address:

General Dynamics Canada
3785 Richmond Road
Ottawa, Ontario, Canada
K2H 5B7
ATTN: Tony Silvaroli
(613) 596-7364

C.3.5.9.3 The contractor is to ensure that the tanks hatch is closed and locked for storage condition.

C.3.5.9.4 DCMA GDLS will provide oversight of the RXNB/UTCP removal from the Government owned tanks.

C.3.5.9.5 The contractor agrees that the above schedule is a starting point minimum and the goal is to increase the pull schedule to 15 per week by 24 October 2003.

C.3.5.9.6 The contractor will ensure that sufficient assets are available to avoid a break in tank production for missing RXNB/UTCP components directly related to the above removal and shipment schedule.

C.3.5.10 PY4/PY5 RXNB/UTCP Change Out Retrofit For 61 stored AIM Vehicle - Phase II REINSTALLATION OF HARDWARE

C. 3.5.10.1 The contractor shall install the RHNB (P/N12993533), RTNB (P/N 12993531-1), and re-install the 49 each UTCPs, (already pulled from the Korean AIM Tanks, located in the LATP GFM crib) according to their respective Technical Manuals. On the remaining 12 tanks, with UTCPs only the RHNB and RTNB will be installed. After installation the contractor shall perform a vehicle re-qualification as follows:

(1) Circuit Breaker verification: Verify function of all CBs at both the Hull Networks Distribution Box and the Interconnecting Box.

(2) Perform Hull Networks Distribution Box and Interconnecting Box system checkout after vehicle modification.

a. Drivers Station:

1. Actuate Starter Only switch to verify function.
2. Verify that the Shift Selector is in the N position.
3. Start Engine. Verify that normal idle is 950 +/- 50 rpm, tach idle rpm is 1300 +/- 100 rpm, vehicle electrical power is 28 +/- .75 vdc.
4. Rotate the drivers throttle control twist grips backwards and maintain engine idle speed at a minimum of 1600 rpm while starting a suitable timing device. Record the time it takes for the first Pulse Jet System (PJS) pulse to occur after engine idle speed is maintained at a minimum of 1600 rpm. Verify that the first pulse occurs two minutes +/- 15 seconds after engine idle speed is

maintained at a minimum of 1600 rpm.

5. Verify Auto Cool Down by actuating Starter Only switch and verifying that the fuel fault light blinks at the Drivers Instrument Panel (DIP).

b. Loaders Station:

1.Verify Vehicle Intercommunications System (VIS) operation of all stations.

2. Start engine, set idle to tach idle. Actuate the Turret Blower Switch verify Nuclear Biological Chemical (NBC) system activation.

3. Check Ready Ammo Door operation.

4. Shut Down Vehicle.

c. Gunners Station:

1. Unlock the Gun Travel lock and Turret Travel Lock. Ensure area around the vehicle is clear for turret movement, and close the drivers hatch. Turn on turret power.

2. Check turret slew clockwise and counter clockwise in emergency mode and normal mode.

3. Make sure that the breech is closed, install the Main Gun Firing Circuit Tester, move the safe/ armed lever to armed, palm at the gunners station and actuate the trigger. Verify that the firing circuit tester light illuminates.

4. Perform at least one fire control system test.

d. Commanders Station:

1. Verify master and turret power On/Off at the Upgraded Tank Commanders Panel (UTCP)

2. Turret power On.

3. Verify auxiliary hydraulic pump operation (On /Off control) at the UTCP.

4. Verify commanders weapon station operation by checking powered slew and safe/arm operation.

5. Start engine, set idle to tach idle. Verify NBC main operation. Shut down the engine. Actuate the NBC back up switch to verify NBC back up operation.

6. Verify UTCP panel light intensity control.

7. Verify UTCP light test.

8. Verify that the Gun Travel Lock and Turret Travel Lock are locked.

9. Open drivers hatch. Palm at the commanders station. Move the switch to the on position. Hatch open gun turret drive inactive light illuminates on the drivers alert panel. Drivers hatch open light on commanders alert panel remains on. Turret hydraulic power valves are on.

10. Turret power Off, master power Off.

C. 3. 5. 10.3 After completion of the vehicle re-qualification, the contractor shall restore the vehicle to storage condition.

C.3.5.10.4 DCMC shall be responsible to verify that GDLS complies with their SOW. They are authorized to conduct any or all inspections and tests identified in the SOW, either jointly (preferred) with the contractor or independently (upon completion of GDLSs inspections and test).

*C.3.5.11 PY5 RXNB Change Out Retrofit for 31 AIM Vehicles - Phase I and Phase II (Removal and Reinstallation)

*C.3.5.11.1 The contractor shall remove and reinstall the RHNB (P/N 12993533), and RTNB (P/N 12993531-1) in the following AIM PY5 Vehicles according to their respective Technical Manuals:

Production Vehicles	Quantity
November 2003	11
December 2003	10
January 2004	10

*C.3.5.11.2 After reinstallation, the contractor shall perform a vehicle re-qualification as follows:

(1) Circuit Breaker verification: Verify function of all CBs at both the Hull Networks Distribution Box and the Interconnecting Box.

(2) Perform Hull Networks Distribution Box and Interconnecting Box system checkout after vehicle modification.

a. Drivers Station:

1. Actuate Starter Only switch to verify function.

2. Verify that the Shift Selector is in the N position.

3. Start Engine. Verify that normal idle is 950 +/- 50 rpm, tach idle rpm is 1300 +/- 100 rpm, vehicle electrical power is 28 +/- .75 vdc.

4. Rotate the drivers throttle control twist grips backwards and maintain engine idle speed at a minimum of 1600 rpm while starting a suitable timing device. Record the time it takes for the first Pulse Jet System (PJS) pulse to occur after engine idle speed is maintained at a minimum of 1600 rpm. Verify that the first pulse occurs two minutes +/- 15 seconds after engine idle speed is

maintained at a minimum of 1600 rpm.

5. Verify Auto Cool Down by actuating Starter Only switch and verifying that the fuel fault light blinks at the Drivers Instrument Panel (DIP).

b. Loaders Station:

1.Verify Vehicle Intercommunications System (VIS) operation of all stations.

2. Start engine, set idle to tach idle. Actuate the Turret Blower Switch verify Nuclear Biological Chemical (NBC) system activation.

3. Check Ready Ammo Door operation.

4. Shut Down Vehicle.

c. Gunners Station:

1. Unlock the Gun Travel lock and Turret Travel Lock. Ensure area around the vehicle is clear for turret movement, and close the drivers hatch. Turn on turret power.

2. Check turret slew clockwise and counter clockwise in emergency mode and normal mode.

3. Make sure that the breech is closed, install the Main Gun Firing Circuit Tester, move the safe/ armed lever to armed, palm at the gunners station and actuate the trigger. Verify that the firing circuit tester light illuminates.

4. Perform at least one fire control system test.

d. Commanders Station:

1. Verify master and turret power On/Off at the Upgraded Tank Commanders Panel (UTCP)

2. Turret power On.

3. Verify auxiliary hydraulic pump operation (On /Off control) at the UTCP.

4. Verify commanders weapon station operation by checking powered slew and safe/arm operation.

5. Start engine, set idle to tach idle. Verify NBC main operation. Shut down the engine. Actuate the NBC back up switch to verify NBC back up operation.

6. Verify UTCP panel light intensity control.

7. Verify UTCP light test.

8. Verify that the Gun Travel Lock and Turret Travel Lock are locked.

9. Open drivers hatch. Palm at the commanders station. Move the switch to the on position. Hatch open gun turret drive inactive light illuminates on the drivers alert panel. Drivers hatch open light on commanders alert panel remains on. Turret hydraulic power valves are on.

10. Turret power Off, master power Off.

*C. 3. 5. 11.3 After completion of the vehicle re-qualification, the contractor will continue through normal production procedures to prepare the vehicles for shipment.

*C.3.5.11.4 DCMC shall be responsible to verify that GDLS complies with their SOW. They are authorized to conduct any or all inspections and tests identified in the SOW, either jointly (preferred) with the contractor or independently (upon completion of GDLSs inspections and test).

C.3.6. PY6 Vehicle Material Sets

The contractor agrees to purchase material sets to support Anniston Army Depot's inductions and deliveries, and its own delivery schedule for the PY6 Program. The vehicles to be inducted into the PY6 Program will be 10th, 11th and 13th year configurations. The contractor shall purchase sufficient material to produce AIM tanks in accordance with Section C of this contract, and the technical description developed under the MAP contract DAAE07-96-C-X168 for the vehicle year configurations called up. Material sets for Anniston shall be as described in Clause C.7 as modified to produce AIM tanks from the vehicle year called up. The contractor shall determine the appropriate materials for its own use which will be substantially as described in Section C and Attachment 1, as modified for the vehicle configuration called up.

C.3.6.1 The PY6 vehicle induction schedule is as follows: The vehicles will be inducted starting with the 10th year first in accordance with the delivery schedule as shown on the "AIM Overhaul Program Production Plan" dated

Year Vehicle	Quantity
10th	110
11th	5
13th	10

C.3.6.2 In addition to the vehicle description as shown in C.1.1, C.1.2, C.3 and C.3.2 above, the PY6 AIM Vehicles shall incorporate

the following scope of work requirements:

Installation of Block G Modification Kits
Upgraded Tank Commander's Panel P/N 12993545, and UTCP Mounting Hardware
M1A1D Kit A Weldments
Removal of Old Serial Number Tag
Installation of Turret Platform Block P/N 12549829
Woodland Green Camouflage Paint
ECP GDLT 9022 (per dropout factor)
ECPs 9018, GDLT 8876, GDLT 8798, GDLT 5434, GDLT 8872
ECP G6T1018R1 PLGR
ECP GDLU 2165 Quick Disconnect (Material will be GFE)
Electronic Muzzle Reference System (EMRS)
Pulse Jet System (PJS)
Slip Ring Mod Kits
ECP GDLU 2149 (NBC Sponson Drain Valve)
ECP GDLT 2206 (Plate with new serial number)
ECP 2284 (Paint Free Surface on Antenna Base)
ECP GDLT 2239 (Latch Block Pin)
Trunnion Bearings, P/N 12323863 (100% Replacement)
Slide Mount Aftcap Tray
Embedded Diagnostics (ECPs GDLU 2275, GDLU 2234, GDLU 2316)
ECPs GDLU 2256, GDLU 2262, GDLU 2268, GDLU 2257 and GDLU 2253 (per drop out factor)
ECP GDLU 2200 (J Plate Stiffener)
ECP G2T4106 (Loc Report Systems)
ECP GDLT 8891 (Dry Powder Engine Fire Extinguisher)
ECP GDLU 2239 (Ammo Door Bracket)
ECP GDLU 2225 (Hydraulic Quick Disconnect Relocation)
ECP GDLU 6235 (NBC Cooling Turbine Bearings)
ECP GDLU 2297 (Personnel Heater Sources of Supply)
ECP LOT3002R1 (Ammo Rack Guide Deletion

C.3.6.3 AIM Production Year Six (PY6) Program Requirements

C.3.6.3.1. The contractor shall provide the below items to support the AIM PY6 Material Requirements (it is noted that 10 sets were moved from PY5 as described in C.3.5.1. above)

Nomenclature	Part Number	Quantity
Beam Splitter	12988980	125
Window	12988979	125
Daylight Window	12932490	125
Radical Filter	12932488	125

C.3.6.4 Anniston Manufacturing Responsibility. For Production Year Six (PY6), Anniston Army Depot will provide the following:

Part Number	Item
12528312	Bore Evacuator
12529685	Handle
12529532	Cap, Contact
12529570	Contact Pin, Assembly

C.3.6.5 PY6 Material Acquisition of Fratricide Bars

The contractor shall provide the following National Stock Numbers and quantities of Fratricide Bars in support of the PY6 Material Requirements, (this action is funded under SubClin 0006AC):

Nomenclature NSN Qty

Fratricide Bars	1015-01-203-3347	135
Fratricide Bars	1015-01-203-3346	270
Fratricide Bars	1015-01-203-3335	270
Fratricide Bars	2590-01-197-8093	675
Fratricide Bars	1015-01-203-3334	270
Fratricide Bars	1015-01-203-3351	270
Fratricide Bars	1015-01-203-3345	270
Fratricide Bars	1015-00-200-4331	675
Fratricide Bars	1015-01-197-4932	810
Fratricide Bars	1015-00-203-3336	3510

C.4 Limited Technical Inspection

A limited technical assessment on selected M1A1 tanks will be conducted by a joint team of ANAD and Contractor personnel. The assessment will provide current configuration and condition of each vehicle. The Government/ANAD shall be responsible for any missing LRU/SRU on tanks inducted at ANAD to be supplied to the Contractor at LATP as reclaim material.

C.5 Disassembly of Tank

C.5.1 Reserved

C.5.2 Disassembly. Disassembly of the tank and all components, as applicable, shall be in accordance with the intent of accepted Government TMs, DMWRs and/or GDLS procedures.

C.5.3 Disposal. Items, which are determined to be not usable, shall be disposed of using existing ANAD and GDLS disposal procedures.

C.5.4 Use "As Is" Disassembled components deemed reusable shall be cleaned, painted, reassembled, inspected, and reinstalled. Those components for which no build/repair criteria exists shall be cleaned, painted, and reinstalled as untested items with final acceptance after installation in vehicle; i.e. brackets, crosswind sensor, fire sensors, etc. Gun tubes shall be reused if at least 40% of the total life remains.

C.6 Rebuild Components

C.6.1 During the rebuild process, the M1A1 shall be separated into major components. Each of these components which are identified by the work share agreement established between GDLS and ANAD shall be rebuilt. (Attachment I)

C.6.2 GDLS shall rebuild Line Replaceable Units (LRUs), Shop Replaceable Units (SRUs), and components in accordance with applicable process and procedures. The Reliability Centered Maintenance (RCM) concept is not applicable to this program/contract.

C.7 Parts Support.

Procurement of new or replacement components shall be controlled by the Contractor. Part requirements will be defined through the list of materials to be procured for Anniston Army Depot as referenced in GDLS letter MPA 00-2472 dated 13 October 2000 as "Report No. LS36619011, dated 25 January 2001". The contractor may purchase any needed items from the Government Supply System. The Contractor agrees to cooperate with their partner, Anniston Army Depot, to purchase and provide the list of materials to meet the Anniston Army Depot schedule. Anniston Army Depot shall provide the Contractor a delivery schedule identifying when the parts will be required.

C.8 Hull and Turret Modifications

C.8.1 Hull and Turret Repair. Hull and turret structures and components shall be repaired and are to be to a "like new" condition. If an original weld numbered/serialized component is missing or damaged beyond repair, the new or remanufactured component shall be given the weld number/serial number of the original component.

The battery box shall be cleaned and all evidence of corrosion removed. The thickness of the horizontal support plate (less scale) shall be no less then 0.090 inches. Any condition other than described shall be repaired.

The front fuel cells shall be repaired if required. The front crossover tube shall be replaced.

The Contractor's activities under this contract shall be in accordance with the Contractor's approved Pollution Prevention Plan, and incorporated into this contract by reference.

C.8.2 Reserved

C.9 Conformance with Specifications, Drawings and Requirements

C.9.1 The AIM Abrams tank configuration shall meet the requirements of the Prime Item Fabrication Specification, ERR and ECPs outlined in paragraph C.3, Vehicle Baseline.

C.9.2 It is the responsibility of the Contractor to furnish the requisite drawings, specifications, and pertinent information to its subcontractors.

C.9.3 No exterior safety, instructional markings, vehicle registration, or five point stars shall be placed on the vehicle.

C.9.4 The vehicles shall be painted as follows:

Production Year	CLIN/SubClin	Paint
PY4 (135 Vehicles)	0001AA, 0001AB, 0001AC, 0001AD, 0001AE	Woodland Green Camouflage
PY5 (125 Vehicles)	0004AA, 0004AB,0004AC,0004AD,0004AE,0004AF,0004AF	Woodland Green Camouflage
PY6 (125 Vehicles)	0006AA, 0006AB	Woodland Green Camouflage
PY5 (5 Option Vehicles)	0004AK Woodland Green Camouflage	

C.9.5 Whenever Engineering Change Proposals (ECP's) are prepared by a Government Agency or Engineering Services Contractor which effect the portion of the current production configuration over which the Government retains control, the Contractor shall submit, within an average 60 working days of receipt of written ACO direction to incorporate a change, a proposal reflecting the increase or decrease of the unit and total costs of the change including tools and gages, cost of obsolescence or rework, disposal of hazardous waste, manufacturing cost estimates of parts involved and packaging when affected. A qualifying proposal, unless otherwise authorized by the ACO, will also be included in ECPs submitted by the contractor to the Administrative Contracting Officer (ACO).

C.9.6 Each Government Furnished Equipment Record Folder shall contain an Equipment Record Folder copy of Equipment Control DA Form 2408-9. The Contractor shall complete the DA Form 2408-9 and send the National Inventory Control Point (NICP) copy to TACOM, Material Management Directorate, ATTN: AMSTA-FRX, Warren, MI 48397-5000. The control page may be destroyed unless the Government requests special distribution (OT-90-12180).

C.10 Configuration Control

C.10.1 The Contractor has control of the AIM Technical Data Package with the exception that the Government retains full control over the Prime Item Product Specification and Final Inspection Report. The government maintains configuration control over all items provided as GFM. Any changes to items over which the government maintains configuration control requires approval by a Contracting Officer via execution of a contract modification.

C.10.2 Changes (Change Requests (CR), waivers, deviations) to the M1A1 Abrams Technical Data Package may be made by the Contractor except for those areas controlled by the Government. The Government shall be notified of all changes made by the contractor in accordance with CDRL A002. The Contractor shall analyze all changes to determine the impact on the Logistics support functions/products. Logistics impacts shall be documented with the change on the Logistics impact summary form.

C.10.2.1 Changes (Common M1A2 SEP/M1A1 Changes). The contractor may incorporate common M1A2 SEP/M1A1 changes, which have no cost or performance impact, into the AIM technical data package without Contracting Officer approval. The Government shall be notified of all changes made by the contractor in accordance with CDRL A002. The Contractor shall analyze all changes to determine the impact on the Logistics support functions/products. Logistics impacts shall be documented with the change on the Logistics impact summary form.

C.10.3 The Government shall be allowed to electronically access the Contractor's Technical Data Package data base (ECARDs) and Change Managment data base (CMCS).

C.10.4 Changes impacting Logistics may be disapproved by the Government within five (5) working days after electronic notification of the change. The Government will be notified electronically of scheduled contract Configuration Control Board (CCB) meetings. Government representative's participation is at the Government's option.

C.11 Government Furnished Material)

C.11.1 The Government furnished items required to be installed in, or delivered with each Abrams Series Tank shall be furnished by the Government (in respective required quantities to support work in-process without work around or disruption) FOB appropriate contractor location according to the requirements lists shown in Attachment II. All handling, storage and installation costs are included in the vehicle price.

C.11.2 The items listed on Attachment II shall be furnished by the Government. The contractor is not to acquire the items listed on Attachment II except the refurbishment effort of the reclaimed Germanium I.R. Windows identified in C.11.2.1.

C.11.2.1 The Government shall furnish, as is, Germanium I.R. windows, part number 12466940 recovered from M1/M1A1 tanks. The Government will furnish to the contractor 1.2 salvaged windows per tank. The Government will ship the recovered windows to General Dynamics Anniston Operations. The contractor shall not include in the firm fixed price for 135 PY4 AIM vehicles, the cost of any Germanium material.

C.11.3 Government Furnished Material (PY5)

The provisions of clauses C.11.1, C.11.2 and C.11.2.1 above apply to AIM PY5 Vehicles.

C.11.4 Government Furnished Material (PY6)

The provisions of clauses C.11.1, C.11.2 and C.11.2.1 above apply to AIM PY6 Vehicles.

C.12 Class I Ozone Depleting Substances (CIODS)

C.12.1 Attachment III contains a list of specifications requiring Class I Ozone Depleting Substances and used in the M1A1 Technical Data Package. The Contractor shall comply with the instructions of the Attachment for each specification.

C.12.2 The following documents no longer require consideration:

MIL-STD-1344	TT-C-490	MIL-STD-794	O-T-620
MIL-S-22473	MIL-S-5002	MIL-C-85054	MIL-T-21200
QQ-P-35	MIL-L-60326	MIL-STD-2000	MIL-R-39016
ASTM A380	MIL-T-62340	FED-STD-151	MIL-HDBK-454

C.12.3 The following documents no longer require consideration as long as the contractor complies with the following (or subsequent)revisions to eliminate CIODs:

MIL-F-18264D, Amendment 2 (dated 31 May 94)
MIL-C-48497A, Amendment 2 (dated 30 Sep 93)
MIL-W-81822A, Amendment 2 (dated 15 Mar 94)
MIL-T-81955, Amendment 1 (dated 6 Sep 95)

C.12.4 The following documents have approved CIODs elimination clauses posted on the Acquisition Center web site which can be reached by using URL:www.tacom.army.mil/acqcen/ciods.html:

DOD-P-16232	MIL-W-22759	MIL-C-85049
MIL-STD-171	MIL-C-39029	
MIL-STD-186	QQ-P-416	
MIL-STD-2175	MIL-C-81562	

C.12.5 The contractor shall identify non-CIODs replacements for ASTM-D4126, MIL-C-81302 and MIL-T-81533 which meet all performance requirements and do not have deleterious effects on form, fit or function. If, for specific application, the contractor can not identify a suitable replacement for these materials, the contractor shall notify the Contracting Officer prior to the procurement and use of these materials for Government approval by a Senior Approval Official.

C.12.6 MIL-M-12218C Monobromotrifluoromethane (Halon 1301) has no current alternative. An appropriate waiver for use in a contract with the U.S. Government has been obtained. This waiver only authorizes the government to include Halon 1301 in the specifications in the contract and does not waive any other law, regulation, requirement or criteria relating to use of Halon 1301 the contractor may be required to comply with. (Attachment III)

C.12.7 ASTM E427-95, Paragraph 9.1.1 lists CFC-12 (a CIODs) as an option test gas. To eliminate CIODs, when meeting the requirements of paragraph 9.1.1 of ASTM E427-95 the contractor shall delete CFC-12 as an optional test gas and use HCFC-22 instead. HCFC-22 is a Class II Ozone Depleting Substance which is not mandated for elimination under the auspices of Public Law 102-484.

C.12.8 MIL-PRF-7024E (dated 1 Oct 97), Table 1 (page 5) requires particulate contamination testing in accordance with ASTM D2276. To eliminate CIODs, when meeting the requirements of Table 1 of MIL-PRF-7024 the contractor shall perform the particulate contamination testing in accordance with ASTM D2276-97. This test procedure has been revised to eliminate all CIODs references.

C.12.9 MIL-HDBK-808 (dated 18 Jul 96), Paragraph 5.3.1.1 (page 11) allows vapor degreasing and solvent cleaning with MIL-T-81533 or O-T-620 (methyl chloroform). To eliminate CIODs when meeting the requirements of paragraph 5.3.1.1 of MIL-HDBK-808 the contractor shall delete MIL-T-81533 and O-T-620 as optional cleaning and vapor degreasing solvents.

C.12.10 MIL-E-5400T, Amendment 3 (dated 14 May 90) is included on the list because paragraph 3.1.8 (page 7) requires cleaning operations be conducted in accordance with MIL-S-5002. To eliminate CIODs when meeting the requirements of paragraph 3.1.8 of MIL-E-5400 the

contractor shall comply with MIL-S-5002D, Amendment 1 (dated 24 Mar 94).

C.12.11 MIL-T-28800 has recently been revised to MIL-PRF-28800F (dated 24 Jun 96) the contractor shall comply with this document--this performance specification eliminates all CIODs references.

C.12.12 MIL-F-14072D (dated 4 Oct 90) references a number of specification and standards which used to contain CIODs. To insure all CIODs application are eliminated for MIL-F-14072D, the contractor is required to comply with the following revisions to the specifications listed below. These revisions have specifically addressed CIODs eliminations:

MIL-P-23377G (30 Sep 94)
MIL-S-8802F, Amendment 4 (20 Jan 95)
MIL-C-22750F (31 May 94)
MIL-PRF-81733D (15 May 98)
TT-C-490D, Interim Amendment 1 (14 Sep 94)
MIL-C-53039A, Amendment 2 (19 May 93)

C.13 Pollution Prevention Plan

The Contractor's activities under this contract shall be in accordance with the Contractor's approved Pollution Prevention Plan, and incorporated into this contract by reference.

C.14 Heavy Armor NRC License

The contractor shall follow the requirements of GDLS NRC License SUB-1564 (#21-21068-01, Amd 13 - March 31, 2005), and the provisions of Attachment IV.

C.15 In-Process Reviews (IPRs)

The Program Management Team shall implement periodic IPRs to assure that program mission and objectives are achieved. Date, time agenda and location will be mutualy agreed upon. Interchanges between the Contractor and Government shall be accomplished telephonically or by video conferencing whenever possible. Use of electronic media data exchange between contractor and Government is also preferred.

*Changed by Modification 34, Previously changed by Modification 32

*** END OF NARRATIVE C 001 ***

SECTION F - DELIVERIES OR PERFORMANCE

F.2 Variation in Quantity (Apr 1984) FAR 52.211-16

a. Variation in the quantity of an item called for by this contract will not be accepted unless the variation bas been caused by conditions of loading, shipping, or packing, or allowances in manufacturing processes, and they only to the extent, if any, specified in paragraph (b) below.

b. The permissible variation shall be limited to: ZERO percent increase; and ZERO percent decrease.

This increase or decrease shall apply to THE TOTAL CONTRACTUAL QUANTITY.

F.3 Stop-Work Order (1989 AUG) FAR 52.212-13

F.3.1 The Contracting Officer may, at any time, by written order to the Contractor, require the Contractor to stop all, or any part, of the work called for be this Contract for a period of 90 days after the order is delivered to the Contractor, and for any further period to which the parties may agree. The order shall be specifically identified as a stop-work orders issued under this clause. Upon receipt of the order, the Contractor shall immediately comply with its terms and take all reasonable steps to minimize the incurrence of costs allocable to the work covered by the order during the period of work stoppage. Within a period of 90 days after a stop-work is delivered to the Contractor, or within any extension of that period to which the parties shall have agreed, the Contracting Officer shall either -

a. Cancel the stop-work order; or

b. Terminate the work covered by the order as provided in the DEFAULT, or the TERMINATION FOR CONVENIENCE OF THE GOVERNMENT, clause of the Contract.

F.3.2 If a stop-work order issued under this clause is cancelled or the period of the order or any extension thereof expires, the Contractor shall resume work. The Contracting Officer shall make an equitable adjustment in the delivery schedule or Contract price, or both, and the Contract shall be modified, in writing, accordingly, if -

a. The stop-work order results in an increase in the time required for, or in the Contractor?s cost properly allocable to, the performance of any part of this contract; and

b. The Contractor asserts its right to the adjustment within 30 days after the end of the period of work stoppage; provided, that, if the Contracting Officer decides the facts justify the action, the Contracting Officer may receive and act upon the claim submitted at any time before final payment under this Contract.

F.3.3 If a stop-work order is not cancelled and the work covered by the order is terminated for the convenience of the Government, the Contracting Officer shall allow reasonable costs resulting from the stop-work order in arriving at the termination settlement.

F.3.4 If a stop-work order is not cancelled and the work covered by the order is terminated for default, the Contracting Officer shall allow, by equitable adjustment or otherwise, reasonable costs resulting from the stop-work order.

F.4 Delivery Schedule

F.4.1 PY4 135 Vehicle Material Sets (SubClins 0001AA, 0001AB): The Contractor will make every effort to provide PY4 material to meet Anniston's induction schedule starting in November 2001.

F.4.1.2 AIM PY4 Vehicle Delivery: The 135 PY4 M1A1 AIM Vehicles awarded under SubClins 0001AA, 0001AB, 0001AC, 0001AD, and 0001AE shall be delivered in accordance with the following schedule at LATP:

2002						2003					
JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
6	13	12	14	7	11	12	12	12	12	12	12

F.4.2 Delivery Schedule for Four (4) National Guard Vehicles:

The delivery schedule for the four(4) U.S. Army National Guard Vehicles awarded under SubClin 0003AA is as follows:

2002
NOV
4

F.4.2.1 Delivery Schedule for Two Repaired AIM PY4 Vehicles

The delivery schedule for the two AIM PY4 vehicles that were damaged in transit after leaving the Lima Army Tank Plant is 31 January 2004.

F.4.3 Delivery Schedule for PY5 Program (Window/Glass) Requirements

The contractor will deliver the (PY5 Program Window/Glass Requirement) incorporated under SubClin 0004AA to meet Anniston's induction schedule starting in November 2002.

F.4.3.1 PY5 135 Vehicle Material Sets (SubClins 0004AB, 0004AC, 0004AD): The Contractor shall deliver PY5 Vehicle Material Sets to meet Anniston's induction schedule starting in November 2002.

F.4.3.2 The 125 PY5 M1A1 AIM Vehicles awarded under SubClins 0004AA, 0004AB, 0004AC, 0004AD, 0004AE, 0004AF and 0004AG shall be delivered in accordance with the following schedule at LATP:

2003						2004					
JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
6	11	12	12	11	10	11	10	11	11	10	10

F.4.3.3 Abrams M1A1 8th Year Vehicles for AIM PY5 Production: The contractor shall develop an induction schedule with ANAD to provide for delivery of 8th year vehicles to LATP to minimize impact on ANAD and GDLS production. The fourteen 8th year vehicles will be the last deliveries made in May/June 2004 under PY5 production.

F.4.3.4 PY5 Option for Five AIM Vehicles: The delivery schedule for the option quantity is as follows:

2004		
MAY	JUN	JUL
2	2	1

* F. 4.3.5. Delivery Schedule/Loading Schedule for PY4/PY5 Vehicles for Shipment to Korea

F.4.3.5.1 The parties agree that the delivery and loading schedule for the first 93 AIM Vehicles designated for shipment to Korea is as follows:

Ship Date	Qty of Veh	Identification of Vehicles
30 Dec 03	30	8 ea from May 2003 (in storage) 11 ea from Jun 2003 (in storage) 11 ea from Nov 2003 (production)
30 Jan 2004	30	1 ea from Jun 2003 (in storage) 6 ea from Jul 2003 (in storage) 11 ea from Aug 2003 (in storage) 2 ea from Sep 2003 (in storage) 10 ea from Dec 2003 (production)
28 Feb 2004	30	10 ea from Sep 2003 (in storage) 9 ea from Oct 2003 (in storage) 11 ea from Jan 2004 (production)
30 Mar 2004	3	3 ea from Oct 2003 (in storage)

F.4.4 Delivery Schedule for PY6 Vehicle Material Sets:

F.4.4.1 PY6 125 Vehicle Material Sets (SubClins 0006AA, 0006AB, 0006AC): The Contractor shall deliver PY6 Vehicle Material sets to meet Anniston's induction schedule starting in November 2003.

F.5 Advance Acceptance

Advance acceptance of AIM tanks is authorized in the month prior to scheduled deliveries provided that parts and materials are available.

F. 6 Data

Data furnished under this contract shall be delivered, FOB destination, to the addressee(s) indicated on the Contract Data Requirements List (CDRL). Such data shall be delivered on the dates set forth on the applicable CDRL, DD Form 1423.

F.7 Shipping Procedures

F.7.1 The supplies to be delivered as specified in the delivery schedule shall be shipped in accordance with the instruction of the Administrative Contracting Officer (ACO) or his duly authorized representative, whether in full load lots, or as a result of consolidating lots under the same or different contracts:

*Changed by Modification 34, Previously Changed by Modification 22

*** END OF NARRATIVE F 001 ***

Name of Offeror or Contractor: GENERAL DYNAMICS LAND SYSTEMS INC.

SECTION G - CONTRACT ADMINISTRATION DATA

LINE ITEM	PRON/ AMS CD/ MIPR	ACRN	OBLG STAT/ JOB ORD NO	PRIOR AMOUNT	INCREASE/DECREASE AMOUNT	CUMULATIVE AMOUNT
0005AH	474AIM0447 123207NC000 H14GA123AIM0	AS	2 4GA123	$ 0.00	$ 115,070.00	$ 115,070.00
				NET CHANGE	$ 115,070.00	

SERVICE NAME	NET CHANGE BY ACRN	ACCOUNTING CLASSIFICATION		ACCOUNTING STATION	INCREASE/DECREASE AMOUNT
Army	AS	21 42020000045R5R02P12320725FB	S20113	W56HZV	$ 115,070.00
				NET CHANGE	$ 115,070.00

	PRIOR AMOUNT OF AWARD	INCREASE/DECREASE AMOUNT	CUMULATIVE OBLIG AMT
NET CHANGE FOR AWARD:	$ 193,837,867.15	$ 115,070.00	$ 193,952,937.15